EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L8	208	604/22-154.ccls. and (plunger$1 piston$1) same (valve$1 seal$3) near pressure	US-PGPUB; USPAT	OR	OFF	2009/04/22 17:18
L9	34	604/22-154.ccls. and (plunger$1 piston$1) same (valve$1 seal$3) near pressure same outlet	US-PGPUB; USPAT	OR	OFF	2009/04/22 17:26
L12	132	604/22-154.ccls. and (piston$1) same (valve$1 seal$3) near pressure	US-PGPUB; USPAT	OR	OFF	2009/04/22 17:44
L13	58	604/22-154.ccls. and (piston$1) same fluid same (valve$1 seal$3) near pressure	US-PGPUB; USPAT	OR	OFF	2009/04/22 17:50
L15	183	604/22-154.ccls. and (piston$1) same barrier	US-PGPUB; USPAT	OR	OFF	2009/04/22 17:58
L18	484	604/22-154.ccls. and (piston$1) near (prevent return stop$3)	US-PGPUB; USPAT	OR	OFF	2009/04/22 18:08
L19	2	604/22-154.ccls. and (piston$1) near (re-use)	US-PGPUB; USPAT	OR	OFF	2009/04/22 18:17
L20	20	604/22-154.ccls. and (piston$1) near (return re-use) same prevent $3	US-PGPUB; USPAT	OR	OFF	2009/04/22 18:18
L21	2	(("3478937") or ("3890971")).PN.	USPAT	OR	OFF	2009/04/22 18:21
S1	517	(604/153).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/04/20 13:50
S2	778	(604/151).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/04/20 13:50

S3	944	(604/131).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/04/20 13:50
S4	469	(604/93.01).CCLS.	USPAT	OR	OFF	2009/04/20 13:50
S5	319	(604/93.01).CCLS.	US-PGPUB	OR	OFF	2009/04/20 13:50
S7	315	(604/48).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/04/20 13:51
S8	469	(604/19).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/04/20 13:51
S9	1074	(606/167).CCLS.	USPAT	OR	OFF	2009/04/20 13:51
S10	630	(606/167).CCLS.	US-PGPUB	OR	OFF	2009/04/20 13:51
S12	3	(("3930505") or ("5370609") or ("5620414")).PN.	US-PGPUB; USPAT	OR	OFF	2009/04/20 13:52
S13	2	wo-9639952-$.did.	FPRS; EPO; DERWENT	OR	OFF	2009/04/20 13:52
S14	1	wo-0209798-$.did.	FPRS; EPO; DERWENT	OR	OFF	2009/04/20 13:52
S15	860	(606/159).CCLS.	USPAT	OR	OFF	2009/04/20 14:14
S16	318	(606/159).CCLS.	US-PGPUB	OR	OFF	2009/04/20 14:14
S17	58	("4913698" | "5019038" | "5037431" | "5037432" | "5097731" | "5135482" | "5135484" | "5163909" | "5165602" | "5322504").PN. OR ("5620414").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 14:14
S18	20	("4226005" | "4265487" | "4280735" | "4532949" | "4652056" | "4669229" | "4733914" | "4872293" | "4902073" | "4934111").PN. OR ("5097731").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 14:18

S19	74	("3930505" | "4857047" | "4878900" | "4915691" | "5013300" | "5037431" | "5037432" | "5097731" | "5135482" | "5135484" | "5165602").PN. OR ("5322504").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 14:19
S20	988	(606/107).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/04/20 14:19
S21	112	("2648288" | "3496874" | "3771907" | "3818913" | "3874826" | "3930505" | "4111490" | "4142524" | "4199307" | "4216906" | "4336800" | "4410322" | "4435902" | "4465438" | "4479760" | "4479761" | "4479762" | "4557725" | "4560373" | "4573883" | "4614481" | "4635621" | "4637551" | "4657490" | "4662829" | "4690672" | "4741678" | "4749337" | "4754929" | "4761039" | "4776769" | "4795217" | "4798339" | "4798589" | "4811902" | "4818190" | "4827679" | "4842584" |	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 14:20

"4857048" |
"4872813" |
"4896085" |
"4898574" |
"4913698" |
"4927411" |
"4937985" |
"4940399" |
"4950238" |
"4958963" |
"5006050" |
"5011468" |
"5018670" |
"5037431" |
"5052624" |
"5056992" |
"5074862" |
"5092744" |
"5098262" |
"5125582" |
"5133687" |
"5135482" |
"5154589" |
"5162016" |
"5186615" |
"5201643" |
"5205779" |
"5230443" |
"5237309" |
"5252044" |
"5259842" |
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"5281108" |
"5314375" |
"5322504" |
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"5370609" |
"5378126" |
"5415528" |
"5429485" |
"5449369" |
"5464392" |
"5476368" |
"5505729" |
"5540568" |
"5542918" |
"5554013" |
"5562692" |
"5586868" |
"5591184" |

		"5620414" | "5647852" | "5667102" | "5674226" | "5713878" | "5871462").PN. OR ("6216573").URPN.				
S22	5	((RALF) near2 (KUEHNER)).INV.	US-PGPUB; USPAT	OR	OFF	2009/04/20 14:28
S23	12	((MARTIN) near2 (HAGG)).INV.	US-PGPUB; USPAT	OR	OFF	2009/04/20 14:29
S24	1	((STEFANIE) near2 (SCHMIDT)).INV.	US-PGPUB; USPAT	OR	OFF	2009/04/20 14:29
S26	7	jet same piston$1 same cylinder$1 same magazine	US-PGPUB; USPAT	OR	OFF	2009/04/20 14:37
S27	139	(604/150).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/04/20 14:39
S29	297	(604/152).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/04/20 14:39
S30	247	(604/154).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/04/20 14:39
S32	1536	(604/22).CCLS.	USPAT	OR	OFF	2009/04/20 14:40
S33	398	(604/22).CCLS.	US-PGPUB	OR	OFF	2009/04/20 14:40
S35	21	piston$1 same cylinder$1 near magazine	US-PGPUB; USPAT	OR	OFF	2009/04/20 14:42
S36	94	piston$1 near magazine	US-PGPUB; USPAT	OR	OFF	2009/04/20 14:46
S39	115	S10 and (piston$1 plunger$1)	US-PGPUB; USPAT	OR	OFF	2009/04/20 15:38
S40	172	S9 and (piston$1 plunger$1)	US-PGPUB; USPAT	OR	OFF	2009/04/20 15:39
S41	125	S15 and (piston$1 plunger$1)	US-PGPUB; USPAT	OR	OFF	2009/04/20 16:10
S42	34	S16 and (piston$1 plunger$1)	US-PGPUB; USPAT	OR	OFF	2009/04/20 16:10
S43	576	S3 and (piston$1 plunger$1)	US-PGPUB; USPAT	OR	OFF	2009/04/20 16:45
S44	233	S32 and (piston$1 plunger$1)	US-PGPUB; USPAT	OR	OFF	2009/04/20 17:08
S45	98	S4 and (piston$1 plunger$1)	US-PGPUB; USPAT	OR	OFF	2009/04/20 17:37

S46	97	S5 and (piston$1 plunger$1)	US-PGPUB; USPAT	OR	OFF	2009/04/20 17:37
S47	6	pump$1 same cylinder$1 near magazine	US-PGPUB; USPAT	OR	OFF	2009/04/20 17:42
S48	453	pump$1 same cylinder$1 near water	US-PGPUB; USPAT	OR	OFF	2009/04/20 17:43
S51	2031	(piston$1 pump$1) same cylinder$1 same cutting same (water fluid)	US-PGPUB; USPAT	OR	OFF	2009/04/20 17:44
S52	66	(piston$1 pump$1) same cylinder$1 same cutting near (water fluid)	US-PGPUB; USPAT	OR	OFF	2009/04/20 17:45
S53	3	(("5505697") or ("5599302") or ("5562692")).PN.	USPAT	OR	OFF	2009/04/21 09:10
S55	78	plunger$1 near magazine	US-PGPUB; USPAT	OR	OFF	2009/04/21 15:28
S56	70	plunger$1 same magazine same (fluid pressure) same valve	US-PGPUB; USPAT	OR	OFF	2009/04/21 15:29
S57	351	piston$1 same magazine same (fluid pressure) same valve	US-PGPUB; USPAT	OR	OFF	2009/04/21 15:35
S58	986	piston$1 same magazine same (fluid pressure)	US-PGPUB; USPAT	OR	OFF	2009/04/21 15:35
S62	435	604/22-154.ccls. and piston$1 same (cartridge magazine) same (fluid pressure)	US-PGPUB; USPAT	OR	OFF	2009/04/21 15:40
S63	16	606/131-167.ccls. and piston$1 same (cartridge magazine) same (fluid pressure)	US-PGPUB; USPAT	OR	OFF	2009/04/21 15:40

S64	103	604/22-154.ccls. and piston$1 same (cartridge magazine) same (fluid pressure) same (change advanc$3)	US-PGPUB; USPAT	OR	OFF	2009/04/21 16:02
S66	34	604/22-154.ccls. and piston$1 same (cartridge magazine) near (change advanc$3)	US-PGPUB; USPAT	OR	OFF	2009/04/21 16:07
S67	69	604/22-154.ccls. and piston$1 near (change advanc$3) same (cartridge magazine)	US-PGPUB; USPAT	OR	OFF	2009/04/21 16:07
S68	23	("2995373" | "4209014" | "4592745" | "4636197" | "4813937" | "4950163" | "5019047" | "5024662" | "5041094" | "5078679" | "5084021" | "5100389" | "5429607").PN. OR ("5743879").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/21 16:09
S76	160	604/22-154.ccls. and (piston) same pressure same air same (ventilation vent$3)	US-PGPUB; USPAT	OR	OFF	2009/04/22 10:48
S77	19	604/22-154.ccls. and (piston) same pressure same air same (ventilation vent$3) and jet	US-PGPUB; USPAT	OR	OFF	2009/04/22 10:48
S81	55	604/22-154.ccls. and (pistons) same pressure and jet	US-PGPUB; USPAT	OR	OFF	2009/04/22 11:03
S91	10	606/131-167.ccls. and (plunger$1 piston$1 pump) same cutting same (motors)	US-PGPUB; USPAT	OR	OFF	2009/04/22 11:31

S92	7	604/22-154.ccls. and (plunger$1 piston$1 pump) same cutting same (motors)	US-PGPUB; USPAT	OR	OFF	2009/04/22 11:33
S93	79	604/22-154.ccls. and (plunger$1 piston$1 pump) same motor$1 and cutting and jet	US-PGPUB; USPAT	OR	OFF	2009/04/22 11:35
S95	124	604/22-154.ccls. and (plunger$1 piston$1 pump) same motor$1 same (valve$1 seal $3) and cutting	US-PGPUB; USPAT	OR	OFF	2009/04/22 11:55
S96	5	(("5046486") or ("5536242") or ("6994127") or ("5505729") or ("4276023")).PN.	USPAT	OR	OFF	2009/04/22 12:13
S97	1	wo-0045719-$.did.	FPRS; EPO; DERWENT	OR	OFF	2009/04/22 12:29
S98	1	wo-0207798-$.did.	FPRS; EPO; DERWENT	OR	OFF	2009/04/22 12:31

4/22/2009 6:36:26 PM
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